

ABSTRACT OF THE DISCLOSURE

In order to prevent a region of supercooling from increasing and to effect uniform crystal growth, the generation of latent heat is detected from changes in 5 temperature of a crucible or a heater or from changes in heat flow rate and also the position of solid-liquid interface is mathematically found, to control the crucible-descending rate or temperature distribution so that the crystal growth rate can be kept at a 10 predetermined value.